

**A PROCESS FOR SEPARATING
VOLATILE COMPONENTS FROM POLYMERS**

ABSTRACT OF THE DISCLOSURE

A process for concentrating polymers by evaporation is disclosed. The process entails (i) obtaining a mixture containing a polymer and volatile component, the volatile components being present in the mixture at an amount less than 20 wt.% relative to the weight of the mixture, and (ii) introducing the mixture in a downward direction under pressure through a plurality of nozzles arranged vertically and next to one another into a degassing container to form an extrudate. The volatile component contains at least one of residual monomers, oligomers and solvents, and the throughput of the mixture per nozzle is 0.3 to 2 kg/h. The vapor pressure of the volatile component of the extrudate is more than 2.5 bar, and the absolute pressure in the degassing container is 50 to 5000 Pa. The polymer prepared by the process is characterized in that it contains volatile components in an amount of less than 300 ppm.